

LAW OFFICES
LEYDIG, VOIT & MAYER, LTD.
6815 WEAVER ROAD SUITE 300
ROCKFORD, ILLINOIS 61114



TELEPHONE: (815) 963-7661

TELECOPY: (815) 963-7661

FACSIMILE COVER SHEET

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OUR REFERENCE: 213792

FROM: MARGARET M. KELTON

DIRECT LINE: (815) 963-7661

TO: EXAMINER TUAN QUANG DAM
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C.

FACSIMILE NUMBER: (703) 746-7239

TELEPHONE NUMBER: (703) 305-4552

RE: SHULMAN ET AL.

APPLICATION NO. 09/970,409

FILED: OCTOBER 3, 2001

TITLE: COMPUTER PROGRAMMING LANGUAGE STATEMENT BUILDING AND INFORMATION
TOOL

MESSAGE:

AMENDMENT TRANSMITTAL 1 PAGE (1 ORIGINAL + 1 COPY)

SUPPLEMENTAL RESPONSE TO OFFICE ACTION - 4 PAGES

AMENDMENTS TO SPECIFICATION, CLAIMS & ABSTRACT - 1 PAGE

PENDING CLAIMS AFTER AMENDMENT - 4 PAGES

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FORM PTO-1083

PATENT

Attorney Docket No. 213792

Date: November 25, 2002

In re Application of: Shulman et al.

Application No.: 09/970,409

Filed: October 3, 2001

For: COMPUTER PROGRAMMING LANGUAGE STATEMENT BUILDING AND INFORMATION TOOL

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is a response to an office action in the subject application.

☐ Applicants claim small entity status of this application under 37 CFR 1.27.Petition For Extension Of Time☐ Applicants petition for a extension of time under 37 CFR 1.136, the fee for which is \$0.00.☒ Applicants believe that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, Applicants hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.☒ No additional claim fee is required.☐ Other:

The claim fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL	14	MINUS	14	=	x 9=	\$	x 18=	\$
INDEPENDENT	4	MINUS	4	=	x 42=	\$	x 84=	\$
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 140=	\$	+ 280=	\$
					TOTAL	\$	TOTAL	\$

☐ Please charge my Deposit Account No. 12-1216 in the amount of \$. A duplicate copy of this sheet is attached.☐ A check in the amount of \$ is attached.☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.
6815 Weaver Road, Suite 300
Rockford, Illinois 61114-8018
(815) 963-7661 (telephone)
(815) 963-7664 (facsimile)By: Margaret M. KeltonMargaret M. Kelton, Reg. No. 44182
One of the Attorneys for Applicant(s)

PATENT
Attorney Docket No. 213792

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Shulman et al.

Art Unit: 2124

Application No.: 09/970,409

Examiner: Tuan Quang Dam

Filed: October 3, 2001

For: COMPUTER PROGRAMMING
LANGUAGE STATEMENT BUILDING
AND INFORMATION TOOL

#13/C
J. Coffin
11-26-02

SUPPLEMENTAL RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In supplemental response to the Office Action dated March 29, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE ABSTRACT

Replace the ABSTRACT with:

21
An intelligent real time tool assists a computer programmer during the writing and/or maintenance of a computer program. The tool generates assist windows that contain program related information that the programmer can use to construct a programming language statement and/or to obtain real time information about a programming language statement. An assist window can be automatically displayed as determined by the tool itself, and/or manually displayed on